

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
GANDIPET, HYDERABAD

Dept. Of Electronics And Communication Engineering

NEWS LETTER

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Dept. Vision & Mission	1
Faculty Publications	2
Number of FDP/stp/webinars/courses attended	3-4
Student's Achievements	5-11
Events Organized By Department	12-13
POs, PSOs & Press coverage	14 -15

ECE BLOCK:



Vision Statement: The Vision of the Department is to strive towards the development and dissemination of knowledge in the areas of Electronics and Communication Engineering and empower young engineers to acquire technical excellence imbued with ethical and moral values that leads to collective global success.

Mission Statement:

M1: To inspire and motivate the students to acquire knowledge to develop and serve the industry and society with great zeal.

M2: To impart value based technical education of global standards and transform the students into disciplined, talented citizens of impeccable character.

M3: Fused the students with hands on training to make them good entrepreneurs.

M4: Emphasis to develop social, cultural, ethical and environmental consciousness and life-long learning.

EDITORIAL BOARD:

FACULTY:

Dr. S. P. Singh

Dr. D. Venkat Reddy

Dr. T. D. Bhatt

Dr. Ch. Raja, In-Charge

Mr. P. Vinod Reddy

Mr. D. Anji Reddy

STUDENTS:

Mr. Aravind

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- I. Prepare the students to have strong foundation in Mathematical, Scientific, Engineering fundamentals and Communication skills to formulate, understand, analyze and solve the technological problems and also assimilate knowledge through life-long learning.
- II. Inculcate the managerial skills, basic concepts in Electrical Engineering and modern engineering IT tools that help the students to work in multidisciplinary environments.
- III. Impart sufficient knowledge to solve complex problems in the field of Electronics and Communication Engineering for a successful career through global education standards.
- IV. To mould the graduates for approaching the process of formulating a design solution for the given specifications with optimum performance including ethical, economic considerations and societal impacts.

FACULTY PUBLICATIONS

International Journals:

1. **Dr.T.D.Bhatt, “An Overview of coherent Pulse Compression Waveforms”,** International Journal of Electrical, Electronics and Computer Engineering (IJECE), ISSN No. (Online): 2277-2626 (Accepted for publication).
2. **Dr.Ch.Raja, “Design And Implementation Of Child Safety Device In Real Time Monitoring System”,** Journal Of Engineering, Computing and Architecture, Volume 10, Issue 7, July 2020, PP: 73 – 79, ISSN NO: 1934 – 7197, **Impact factor: 6.1**
3. **Dr.Ch.Raja, “Security For Protecting Agricultural Crops From Wild Animals using GSM Technology”,** Journal of Shanghai Jiaotong University, Volume: 16, Issue: 7, July 2020, PP: 724-732, ISSN NO: 1007-1172, **Impact factor : 6.2.**
4. **Mr.K.Raghu, “A Stuttered speech self-repair system using Mel-filter and Lasso regression machine learning technique”,** European Journal of Molecular & Clinical Medicine 2020, Volume 7, Issue 4, Pages (1254-1263) November 2020.
5. **Mr.K.Raghu, “Speech Forgery Detection of Framed Sentences in Audio Recordings Using DTW”,** European Journal of Molecular & Clinical Medicine 2020, Volume 07, Issue 08, Dec 2020, ISSN 2515-8260.
6. **Dr.T.R.VijayaLakshmi, “Historical text retrieval with spectral data and adaptive variants of bacterial foraging”,** Materials Today: Proceedings, DOI: <https://doi.org/101016/j.matpr.2020.10.928> **Impact Factor:0.97, (Scopus Indexed)**

International Conferences:

1. **Dr.D.Venkat Reddy, M. Naresh, “A Comprehensive study on Vertical Handover for IEEE 802.21 Wireless Networks”,** International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) 7th to 9th October 2020, IEEE.
2. **Dr.V.Saiduu, “Investigations on 90 Degree Hybrid Feed Square Patch Stacked Antenna”,** AICTE Sponsored International Virtual Conference on Antenna Innovations, 5G Communications and Network Technologies (ICA5NT 2020) held during 06th -07th November 2020, organized by Dept. of ECE, Velammal Institute of Technology, Chennai.

National Conferences:

1. **Dr.V.Saidulu, “Performance and Data Analysis of Weather Satellites”,** 4th National Conference on Communications and Signal Processing (NCCSP-2020), organized by Dept. of ECE, Vasavi College of Engineering (Autonomous), Ibrahim bagh, Hyderabad.
2. **Dr.V.Saidulu, “Experimental Analysis of Rectangular and Circular Microstrip Patch Antennas with Superstrates”,** 4th National Conference on Communications and Signal Processing (NCCSP-2020), organized by Dept. of ECE, Vasavi College of Engineering (Autonomous), Ibrahim bagh, Hyderabad.
3. **Dr.V.Saidulu, “Performance Characteristics of an Inset Feed Rectangular Microstrip Patch Antenna using Different Dielectric Substrates”,** 4th National Conference on Communications and Signal Processing (NCCSP-2020), organized by Dept. of ECE, Vasavi College of Engineering (Autonomous), Ibrahim bagh, Hyderabad.

NUMBER OF FDP/STTP/WEBINARS/COURSES ATTENDED

S. No.	Faculty	FDP	STTP	Webinar/ Seminar/ Workshop	MOOCS/NPTEL Courses	COURSERA Courses	Any other Courses
1.	Dr.S.P Singh, Professor & HoD, ECE Dept	2	1	22			
2.	Dr.D.Venkat Reddy, Professor	11		9	1		
3.	Dr.T.D.Bhatt, Professor	6		6	1		
4.	Dr.Ch.Raja, Assoc. Professor	11	5	25			
5.	Dr.S.Srinivasa Rao, Assoc. Professor	7	1	9		2	
6.	Dr.M.Fayazur Rahaman, Assoc. Professor	4	3	3	2	1	
7.	Mrs.G.Madhavi, Assistant Professor	9	2	30	2		
8.	Dr.V.Saidulu, Assoc. Professor	10	6	20	1		
9.	Mr.K.Raghu, Sr.Asst. Professor	21		13	1		
10.	Mr.D.V.S.Nagendra Kumar, Assistant Professor	3	2	9		1	
11.	Mrs.M.Chandrakala, Assistant Professor	4	2	4		6	
12.	Mr.A.Veerabhara Rao, Assistant Professor	2	4	3			
13.	Dr.S.Praveena, Assistant Professor	2	3	4			
14.	Mrs.D.Subhashini, Assistant Professor	7	5	3			
15.	Mrs.J.Sneha Latha, Assistant Professor	7	2	3			
16.	Dr.T.R.Vijaya Lakshmi, Assistant Professor	5	3	2		2	
17.	Mrs.P.Durga Devi, Assistant Professor	4	2	6		5	1
18.	Mr.B.Kesava Rao, Assistant Professor	9	2	4			
19.	Ms.A.Navaneetha, Assistant Professor	3	1	5			
20.	Mrs.G.Usharani, Assistant Professor	5		4	1		
21.	Mr.A.Bala Raju, Assistant Professor	4	1	18	1		
22.	Mrs.P.Usha Rani, Assistant Professor	8	5	6			

NUMBER OF FDP/STTP/WEBINARS/COURSES ATTENDED BY FACULTY CONTD...

S. No.	Faculty	FDP	STTP	Webinar/ Seminar/ Workshop	MOOCS/NPTEL Courses	COURSERA Courses	Any other Courses
23.	Mr.G.Ravi Kumar, Assistant Professor	3		5			
24.	Mrs.S.Swetha, Assistant Professor	7	3	4	1		
25.	Mr.M.Sanjeev Kumar, Assistant Professor	2	1	5			
26.	Dr.Y.Praveen Reddy, Assistant Professor	6	2	4	2	2	
27.	Mrs.B.Roopa, Assistant Professor	2		2	2		
28.	Mrs.G.Sri Latha, Assistant Professor	8	5	8			
29.	Mr.D.Anji Reddy, Assistant Professor	6	2	3			
30.	Mr.D.Sudhakar, Assistant Professor	2	1	6			
31.	Mr.K.N.Mallesha, Assistant Professor	2		5			
32.	Mr.M.Naga Sitaram, Assistant Professor	9	4	13			
33.	Mrs.P.Shirisha, Assistant Professor	13	3	97		1	
34.	Mrs.Archana Yadav, Assistant Professor	6	4	5	1	2	
35.	Mrs.Divya A Sagar, Assistant Professor	3		3	1		
36.	Mr.P.Vinod Reddy, Assistant Professor	4	2	8			
37.	Mr.K. Bapayya, Assistant Professor	2		2			
38.	Mrs.M.Vishwaja, Assistant Professor	3	2	4			
39.	Mr.L.Srinivas, Technician Grade-I	2		5			1
40.	Mr.K.V.Mahesh Kumar, Technician Grade-II	5		62			1
41.	Mr.M.Thrivikrama Rao, Technician Grade-II	3	1	8			1
42.	Mr.P.Ravi Shankar, Technician Grade-II	2		22			1
43.	Mr.M.Mallesha, Technician Grade-II						1
44.	Mr.B.Satyanarayana, Technician Grade-II	3		54			1
45.	Mr.B.Madhusudan Reddy, Technician Grade-III			18			1

STUDENTS ACHIEVEMENTS

STUDENT PLACEMENTS (AY: 2020-2021)

Sl. No.	Company	Designation	Date	Pay Package(L)	No. of Placements
1	Wipro	Project Engineer	03.07.2020	3.5	5
2	Sukshi Technologies	Software Developer	17.07.2020	3	15
3	Cognizant	Software Engineer	29.07.2020	4	6
4	AMAZON	CSA	17.10.2020	2.175	1
5	HCL TECHNOLOGIES	Engineer - Product Support	24.10.2020	2.75	1
6	DELOITTE	GTI/ITS CANADA/CMG	02.11.2020	4.13	1
7	CADSYS	Junior engg Trainee & Graduate	20.11.2020	2.35	4
8	SL CORP	Software Engineer	28.11.2020	3.50	1
9	Prokarma	Trainee Software Engineer	04.12.2020	3	2
10	Digilogic	Trainee Engineer	11.12.2020	2.53	3
Total					39

Average Package (in Lakhs): 3.1

GRE/TOEFL/GATE/CAT/IELTS INFORMATION

Name of the Student	GRE	TOEFL	GATE Rank	CAT	Any
	(340)	(120)		(Percentile)	Other (IELTS)
Dhanush kumar (17261A04C1)					6.0
Sai indraneil teegala (17261A04B3)	300	86			
Aakash mulluri (17261A0487)	310				6.5
Vemuri dedeepya (17261A04B7)		106			
P.Greeshma reddy (17261A04H2)	311				
A.Adhrushtha (17261A04C2)	313				
P.Shushruth Reddy (17261A04H0)	322				7.0
V.Sai deepak (17261A04H7)	320				7.0
Akhil kusuma (16261A04C2)	301				
V.Saveri (16261A0474)	295				
K.Srujan (13261A0428)				49.80	
Total no of Score cards	8	2	0	1	4

WORKSHOPS / TECHNICAL ACHIEVEMENTS

S.No	Name of the student (Roll no)	Details of Workshop	Organization	Date/ achievement
1.	B.Ravali (17261A0408)	On line course on Programming fundamentals with sample projects	Emenwa Global	26/06/2020 completed
2.	B.Ravali (17261A0408)	Internship on Regional Telecom Training	BSNL center,Gachibowli	10/06/2020 to 21/06/2020 completed
3.	Joel kennyAligala (19261A04C2)	Modeling of correlated Uncertainties of technology	MGIT	13/07/2020 Participation
4.	B rajendra Prasad (17261A04D4)	Internship on Webinar on Brain computer interface robot	pantech	12/07/2020 Participation
5.	ShaikNaziyaSulthana (19261A04B3)	Internship on Python programming	Robotics and machine learning	15/07/2020 Participation
6.	Mrudala (17261A0410)	Internship on Internet of things	IBM	07/07/2020 To 06/08/2020 Participation
7.	M. Kanike Shiva Shankar (17265A0413)	Webinar on Brain Computer Interface Robot	Pantech learning	12/08/2020 Participation
8.	VenishettyVikram (17261A0458)	Workshop on Fundamentals of MATLAB and Programming	KITE	06/07/2020 To 11/07/2020 Appreciation
9.	Nelson Issac (17261A0412)	Virtual Internship	Deloitte	11/07/2020 Participation
10.	B Keerthana (17261A0410)	Virtual Internship	Deloitte	12/07/2020 Participation
11.	MrudulaChilla (17261A0410)	Virtual Internship	Deloitte	15/07/2020 Participation
12.	SindhuPriya (19265A0414)	Innovation in Antenna Design and Analysis	Altair India	09/07/2020 Appreciation
13.	SindhuPriya (19265A0414)	Workshop on Fundamentals of MATLAB	KITE	06/07/2020 To 11/07/2020 Participation
14.	ChoutakuriLeena (19261A04D3)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	04/07/2020 Participation
15.	Joel Kenny Aligala (19261A04C2)	Webinar on Connected Products	Pantech e-learning	29/07/2020 Participation
16.	O Vipin (19261A0498)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	17/07/2020 Participation
17.	SaiSricharanNoupada (18261A0448)	Remote Internship	Eduskills	10/08/2020 To 10/09/2020 Completed course
18.	B Keerthana (17261A0407)	Worked on project of Internet of things	IBM	07/07/2020 To 06/08/2020 completed

WORKSHOPS / TECHNICAL ACHIEVEMENTS CONTD...

S.No	Name of the student (Roll no)	Details of Workshop	Organization	Date/ achievement
19.	Sankoju Shiva Sai (17261A04A8)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	04/09/2020 completed
20.	SaiSricharanNoupada (18261A0448)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	03/09/2020 completed
21.	U Bhavani (17261A04H6)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	15/09/2020 completed
22.	N.Akhila (17261A04G5)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	06/09/2020 completed
23.	Ganesh kumarnomula (18261A0498)	Short course on Design and manufacture a rectifier	suncore	27/09/2020 Recognition
24.	Yaseenbhanu (17261A04F9)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	15/09/2020 completed
25.	MadaSanthosha (18265A0419)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	19/09/2020 completed
26.	MovvaSaiLaxmi (17261A0496)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	30/09/2020 completed
27.	NousheenAnjun (17261A04G6)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	14/09/2020 completed
28.	V.DeviPreethi Naidu (19261A04B1)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	07/09/2020 completed
29.	A.Manoj (18265A04D2)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	03/09/2020 completed
30.	AppamSaikiran (18261A04D2)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	07/09/2020 completed
31.	BanothChandulalNayak (17261A0468)	Short course on Short course on Design your own Solar Home system	Energy Swaraj Foundation	24/07/2020 completed
32.	Nikhil Janapala (17261A04E2)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	14/09/2020 completed
33.	Battisindhuja (17261A04C5)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	03/09/2020 completed
34.	N Akhila (17251A04G5)	Short course on Proframmin Python programming	Skill india	01/09/2020 To 11/09/2020 completed
35.	GayathriGaddam (18261A0417)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	04/09/2020 completed
36.	Bhavath kalian (18261A0404)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	04/09/2020 completed
37.	NikithaGouturi (18261A0420)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	18/09/2020 completed
38.	Shivani D (19261A04B4)	Webinar on EW for communication order of battle	IETE,Hyderabad	27/09/2020 Participaton

WORKSHOPS / TECHNICAL ACHIEVEMENTS CONTD...

S.No	Name of the student (Roll no)	Details of Workshop	Organization	Date/ achievement
39.	T.VenkataSathwika (19261A04B6)	Webinar on EW for communication order of battle	IETE,hyderabad	27/09/2020 Participaton
40.	K.preranareddy (19261A0476)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	03/09/2020 completed
41.	K.preranareddy (19261A0476)	Webinar on Transfomation to the next level(campus to cooperate)	IETE,Hyderabad	20/09/2020 Participaton
42.	SaiSricharanNoupada (18261A0448)	Webinar on EW for communication order of battle	IETE,hyderabad	27/09/2020 Participaton
43.	O Vipin (19261A0498)	Webinar on EW for communication order of battle	IETE,hyderabad	27/09/2020 Participaton
44.	M.vijaykumar (18261A04F5)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	14/09/2020 completed
45.	K.Santhoshi (18261A04E3)	Short course on Design your own Solar Home system	Energy Swaraj Foundation	14/09/2020 completed
46.	BanothChandu (17261A0468)	Demo session on Web Development Program Demo Session	Edurekha	07/09/2020 presentation
47.	T.kapilsiddratha Reddy (19261A04B7)	Webinar on EW for communication order of battle	IETE,hyderabad	27/09/2020 Participaton
48.	Sammata Devi sri (19261A04B1)	Webinar on EW for communication order of battle	IETE,hyderabad	27/09/2020 Participaton
49.	Shiva (17261A0413)	Workshop on IOT using Raspberry PI	Pantech	20/10/2020 to 21/10/2020 Participation
50.	Aakashmulluri (17261A0487)	STTP on research advances in machine learning approaches for pattern recognition	MGIT	24-08-2020 to 29-08-2020 Completed
51.	K.Sreecharan (17261A0426)	Internship on Machine learning	Computer society of indiaChase Company	11-05-2020 to 11-06-2020 Completed
52.	M.Sailakshmi (17261A0496)	Workshop on Angular to develop web apps faster	Nyci&brainvision solutions india PVT.LTD	26-06-2020/ Completed
53.	V.Chandana (18261A0411)	Workshop on Importance of routing &switching concepts inndata communication and networking-A closer look	SNIST	15-06-2020 to 20-06-2020 Completed
54.	K.Rajeswar (17261A04E9)	Fdp on Learn to design your own solar home system	Energy swaraj foundation	15-09-2020 Completed
55.	Mohdjunaidahmed (17261A0486)	Internship on remote	Edu skills	10-08-2020to 10-09-2020 Completed
56.	M.Spoorthy (17261A0435)	Internship on machine learning with phython	Zebo	06-06-2020 to 30-07-2020 Completed
57.	K.Sai Chandra (18261A0415)	Internship on Marketing campaign for banking products	Internship studio	29-07-2020 to 03-09-2020 Completed

WORKSHOPS / TECHNICAL ACHIEVEMENTS CONTD....

S.No	Name of the student (Roll no)	Details of Workshop	Organization	Date/ achievement
58.	P.Suresh (17261A0486)	Internship on internet things with machine learning using python	Pantech e learning	14-09-2020 to 17-10-2020/ Completed
59.	V,Chandana (18261A0411)	Internship on internet things using arduino	Pantech e solution	18-05-2020 to 23-05-2020 Completed
60.	E.Rakeshgoud (17261A04D4)	Internship on sales and marketing	My captain	02-06-2020 to 02-07-2020 Completed
61.	A.Manoj (18261A0402)	Internship on training –ECE-2weeks	RTTC	29-06-2020 to 10-07-2020 Completed
62.	Mohdjunaidahmed (17261A0486)	Course on Dev net associate	Cisco networking academy	12-09-2020 completed
63.	M.Sailakshmi (17261A0496)	Fdp on cyber attacks and digital forensics	Indian services	20-07-2020 to 24-07-2020 Completed
64.	M.Sailakshmi (17261A0496)	Webinar on Micro soft azure cloud technology	MGIT	18-07-2020 completed
65.	M.Sailakshmi (17261A0496)	Fdp on Image processing tool box in Scilab	PES institute of tech and management	21-07-2020 to 23-07-2020 Completed
66.	M.Sailakshmi (17261A0496)	Webinar on Application of deep learning using matlab	MGIT	25-07-2020 completed
67.	M.Sailakshmi (17261A0496)	Webinar on Deep learning	MGIT	21-07-2020 completed
68.	M.Sailakshmi (17261A0496)	Webinar on IOT & its Applications	MGIT	24-07-2020 completed
69.	M.Sailakshmi (17261A0496)	Webinar on AI-exploring the next generation convergence	MGIT	08-08-2020 completed
70.	M.Sailakshmi (17261A0496)	Webinar on Applied industrial machine learning	MGIT-ECE	09-08-2020 completed
71.	M.Sailakshmi (17261A0496)	Webinar on Applied industrial machine learning in communications	MGIT	20-07-2020 completed
72.	M.Sailakshmi (17261A0496)	Fdp on recent advances in embedded systems	MGIT	07-08-2020 to 11-08-2020 Completed
73.	M.Sailakshmi (17261A0496)	Webinar on Micro services architecture using java technologies	MGIT-IT	11-07-2020 completed
74.	M.Sai lakshmi (17261A0496)	Webinar on Virtual reality & augmented reality	MGIT-ECE	13-08-2020 completed

WORKSHOPS / TECHNICAL ACHIEVEMENTS CONTD...

S.No	Name of the student (Roll no)	Details of Workshop	Organization	Date/ achievement
75.	M.Sailakshmi (17261A0496)	Course on learn to design your own solar home systems	Energy swaraj foundation	30-09-2020 completed
76.	Ragolumadhulika (17261A04A0)	Internship on A critical investigation on modern development of multichannel adaptive active noise control system adjacent to noisy equipment	Noobtronpvt.ltd	30-07-2020 to 30-08-2020 Completed
77.	P.Sairamya (17261A0449)	Internship on machine learning with python	INMOVIDU	06-06-2020 to 30-07-2020 Completed
78.	P.Tejaswini (17261A0439)	Internship on Embedded systems &IOT	Pantech e learning	15-12-2020 to 25-12-2020 Completed
79.	PrachethNemmikanti (17261A0439)	Internship in enterprise application development	Biztime it solutions	17-04-2020 to 30-09-2020 completed
80.	Nousheenanjum (17261A04G6)	Course on learn to design your own solar home systems	Energy swaraj foundation	14/09/2020 completed
81.	Venkateshthorpunuri (17261A04H5)	Course on learn to design your own solar home systems	Energy swaraj foundation	14/09/2020 completed
82.	U.Bahavani (17261A04H6)	Course on learn to design your own solar home systems	Energy swaraj foundation	15/09/2020 completed
83.	V.Shivasai (17261A04H8)	Participated I Academia collaborative development program	Biztime it solutions	27-05-2020 to 08-07-2020 Completed
84.	KranthisaiVarun (18261A0421)	Python to access web data	coursera	25/12/2020 completed
85.	Amnisha Singh (18261A0463)	R&D internship Embedded systems and Robotics	Vjtronics	12/09/2020to 12/12/2020 completed

EVENTS ORGANIZED BY THE DEPARTMENT

Webinars & FDPs conducted by ECE Department:

S.No.	Name of the Event	Date	Organized	No. of Participants
1.	One Week Online FDP on “Future Nano Electronic Devices & Circuits”	6 th to 10 th July 2020	Dept of ECE, MGIT	481
2.	One Week Webinar Series	20 th to 25 th July 2020	Dept of ECE, MGIT	455
3.	One Week FDP on “Simulation & Modeling of Data Communication and Networks” in Association with TASK	27 th to 31 st July 2020.	Dept of ECE, MGIT	1174
4.	Online Webinar on “Virtual and Augmented Reality” in association with Pantech E Learning..	13 th August 2020	Dept of ECE, MGIT	
5.	One Week Online Faculty Development Program on “Recent Advances in Embedded Systems”	7 th -11 th August 2020	Dept of ECE, MGIT	320
6.	One Week Online AICTE sponsored STTP on “Research Avenues in Machine Learning Approaches for Pattern Recognition” (Series-1)	24 th -29 th August 2020	Dept of ECE, MGIT	245
7.	Two Day Online Webinar Series on “AI-Exploring the Next Generation Convergence” & “Applied Industrial Machine Learning”	8 th & 9 th August 2020	Dept of ECE, MGIT	360 120
8.	AICTE Sponsored STTP on “Research Avenues in Machine Learning approaches for Pattern Recognition” (Series-2)	21 st to 26 th September 2020	Dept of ECE, MGIT	146
9.	Webinar on “Changes, Challenges and Opportunities in GATE”	15 th September 2020	Dept of ECE, ISTE Student chapter MGIT and Career Guidance Cell in Association with TIME	
10.	One Week AICTE Sponsored STTP on “Research Avenues in Machine Learning Approaches for Pattern Recognition” (Series-3)	02 – 07 November, 2020	Dept of ECE, MGIT	129
11.	AICTE Sponsored Two Week Online FDP on “Recent Trends in IoT using Embedded Systems”	07-19 th December 2020	Dept of ECE, MGIT	178

FORTHCOMING EVENTS

1. AICTE Sponsored Two Week Online FDP on “Recent Trends in IoT using Embedded Systems” during 1st to 13th February 2021.
2. International Conference on “Advances in Signal Processing and Communication Engineering” during 25th to 27th February 2021.
3. Technical Fest – “Microcosm-21”, event on March 2021.

Co-curricular & Extracurricular Activities for B.Tech II, III & IV Years

S.No	Date	II, III & IV Years - Activities			
1	14/09/2020	Non Technical activities: Reasoning –1 (Alphanumeric series, analogies)	IOT Classes	C & Python Classes	GATE Classes
2	19/09/2020	Quantitative aptitude -1 (Distance and time, etc.)			
3	25/09/2020	Letter writing (Formal)			
4	5/10/2020	Video Resume			

Tentative schedule of Co-curricular and Extracurricular Activities for ECE II, III & IV Year Students

S.No	Date	Name of the Event
1.	30/1/2021	GATE Mock Test
2.	06/2/2021	Technical Quiz
3.	10/4/2021	Aptitude Test-1
4.	24/4/2021	Talk on GATE
5.	08/5/2021	Guest Lecture
6.	12/6/2021	Aptitude Test-2
7.	26/6/2021	Seminar on general topics

PROGRAMME OUTCOMES (POs)

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

13. Able to work in multidisciplinary project areas.
14. Able to design and carry out the experimental work, revise knowledge to meet the future industrial challenges.